

# Winnebago County Soil and Water Conservation District

3820 Auburn Street - Rockford, Illinois 61103 - 968-0661 Ext. 249 and 254

US EPA RECORDS CENTER REGION 5



584300

July 18, 1974

David Vinogel- 539A  
Addition to 539  
Section 29 Roscoe Twp.  
PC29B-pt.109  
AS17

Degree of  
Urbanizing Area  
LimitationsAre

Degree of septic  
tank filter field  
Limitations

290 A Warsaw loan, 0-2% slopes

Slight

Slight - 1

398A Waa silt loan, 0-2% slopes

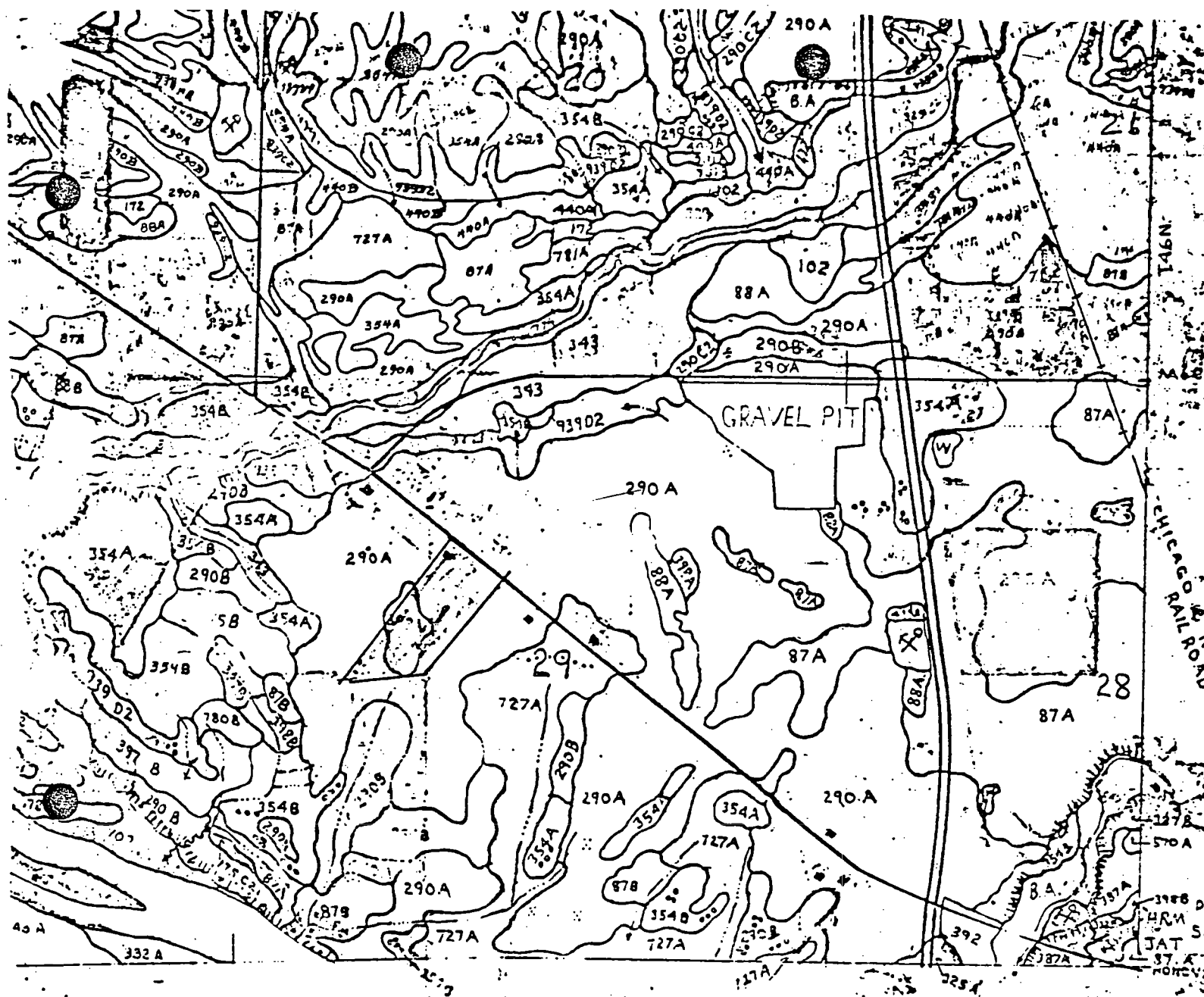
Slight

Slight - 1

1 - Poor filtering material may allow effluent to travel long distances, placing the possibility of polluting nearby streams, springs, and shallow wells.

The above soils are suitable for building but care should be taken to avoid high concentration of septic tanks due to the possibility of pollution hazard.

*Eldora Zimmerman*  
Eldora Zimmerman  
Chairman

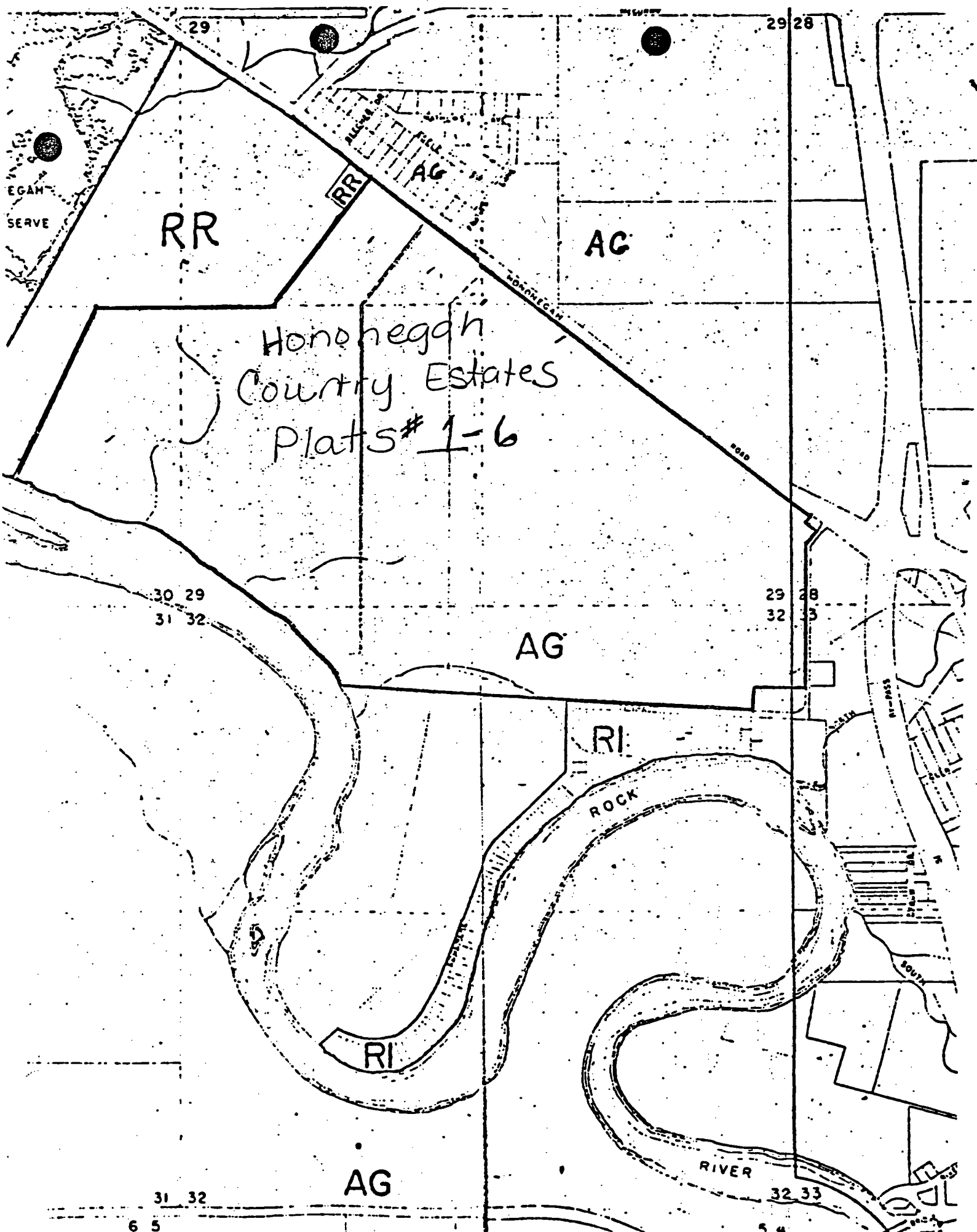


27

Revised Flight - #539A  
 Addition to 539  
 S 29 Reserve  
 P.C. 29B - Pt. 109

COOK AND WINNEBAGO COUNTIES, ILLINOIS  
 SCALE 1:17,500

INTERIM MAPPING  
 SUBJECT TO CHANGE





# Winnebago County Soil and Water Conservation District

3820 Auburn Street - Rockford, Illinois 61103 - 968-0661 Ext. 249 and 254

July 18, 1974

David Vinzgel-#832  
929 & 32 Roscoe Twp.  
PC 29B-111, 29C-2 &  
32B-204  
AS 17 & 27

Degree of  
Urbanizing Area  
Limitations

Degree of Septic  
Tank Filter Field  
Limitations

73	Ross Loam, 0-3% slopes	Severe (R24)	Severe-Subject to flooding-more often than once in 5 years.
290A	Warsaw loam, 0-2% slopes	Slight	Slight - <u>1</u>
354B 354C	Unnamed sandy loam, 3-7% slopes	Slight (G31)	Slight - <u>1</u>
727A	Waukesa loam, 0-3% slopes	Slight	Slight - <u>1</u>
776	Loamy alluvial land, 0-2% slopes	Severe (R25)	Severe-Subject to flooding, more often than once in 5 years, Less than 60 inches to water table.

1 - Poor filtering material may allow affluent to travel long distances, placing the possibility of polluting nearby streams, springs, and shallow wells.

The Slight limitation for building on the 354 soil area indicates shallow depth to sand or gravel; drouthy. Grading and excavation likely to expose sandy or gravelly material; low available moisture for plants; lawns and shrubs difficult to maintain.

The severe limitation for building and septic tank systems on the 73 soil area is due to subject to flooding or ponding; periodic water saturation. Excavations fill with water in the spring; fair to poor stability; foundations, slabs, walks, and streets subject to cracking due to frost heave. Building should be avoided on this soil area.

The Severe limitation for building and septic systems on the 776 soil area is also due to the area being subject to flooding; frequent or continuous water saturation. Flooding or ponding damages buildings and roads; excavations fill with water; slow to dry out; fair to poor stability; foundations, slabs, walls, and streets subject to cracking and heaving due to frost heave. This area should be avoided when planning building and septic systems.

The balance of the soil areas are suitable for building and septic systems except a high concentration of septic tanks should be avoided due to pollution hazard possibility.

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*Eldon Zimmerman*

Eldon Zimmerman  
Chairman

P

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David Fliegel #632

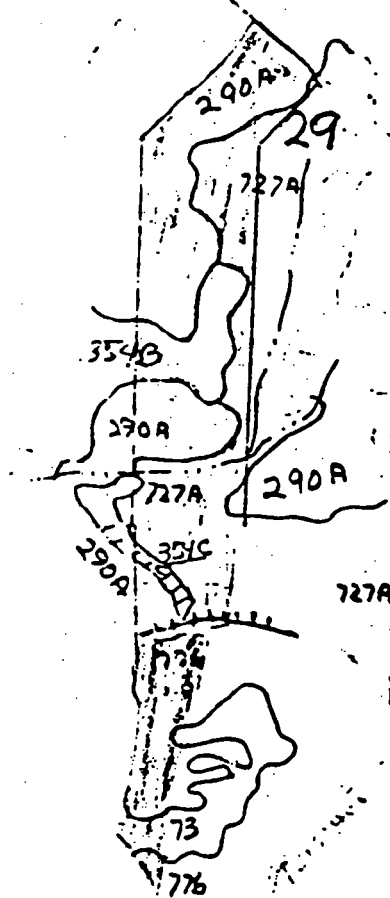
29432

P.S. 29B-111

29C-2

32B-204

A.S. 17427



727A

INTERIM MAPPING

SUBJECT TO CHANGE



# Winnebago County Soil and Water Conservation District

3820 Auburn Street - Rockford, Illinois 61103 - 968-0681 Ext. 249 and 254

-2-

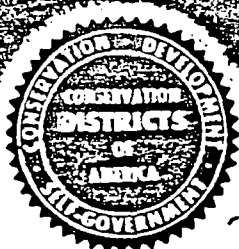
March 18, 1974

David Fluagel - #540 (Tower Farm) S28,29,32 & 33 Roscoe Twp. PC 28C-14; 29A-112; 29D-1; 32A-201; 338-336 AS 27 & 17		Degree of Urbanizing Area Limitations	Degree of Septic Tank Filter Field Limitations
87C	Dickinson sandy loam, 3-7% slopes, eroded	Moderate (Y11)	Slight
175B	Lamont sandy loam, 1-5% slopes	Slight S	Slight
290A	Warsaw loam, 0-2% slopes	Slight	Slight - <u>1</u>
290B	Warsaw loam, 2-4% slopes	Slight	Slight - <u>1</u>
354A	( ) sandy loam, 0-3% slopes	Slight	Slight - <u>1</u>
354C	( ) sandy loam, 3-9% slopes	Moderate (Y13)	Slight - <u>1</u>
727	Waukee loam, 0-3% slopes	Slight	Slight { <u>1</u>
776	Loamy alluvial land, 0-2% slopes	Severe (R25)	Severe -Subject to flooding, more often than once in 5 years & Water table less than 60 inches.

1- Poor filtering material may allow effluent to travel  
long distances, placing the possibility of polluting  
nearby streams, springs, & shallow wells.

The moderate limitation for building on the 87C soil area is due to slope. Moderate grading for streets and lots; grading and excavations likely to expose gravelly material; erosion and siltation during construction and lawn establishment; lawns difficult to maintain. This problem can most likely be overcome with engineering. Septic tanks are suitable for this soil type.

The moderate limitation for building on the 354C soil area is also due to slope. Moderate grading for streets and lots; grading and excavation leaves sandy or gravelly surface; erosion and siltation during construction and lawn establishment; low available moisture for plants; lawns and shrubs very difficult to maintain.



## Winnebago County Soil and Water Conservation District

3820 Auburn Street - Rockford, Illinois 61103 - 968-0661 Ext. 249 and 254

-2-

David Fluegel - #540

The severe limitation for septic tanks and building on the 776 soil area is due to the fact the area is subject to flooding; frequent or continuous water saturation. Flooding or ponding damages buildings and roads; excavations fill with water; slow to dry out; fair to poor stability; foundations, slabs, walks, and streets subject to cracking and heaving due to frost heave. This is a flood plain soil and is not suitable for building and septic tanks.

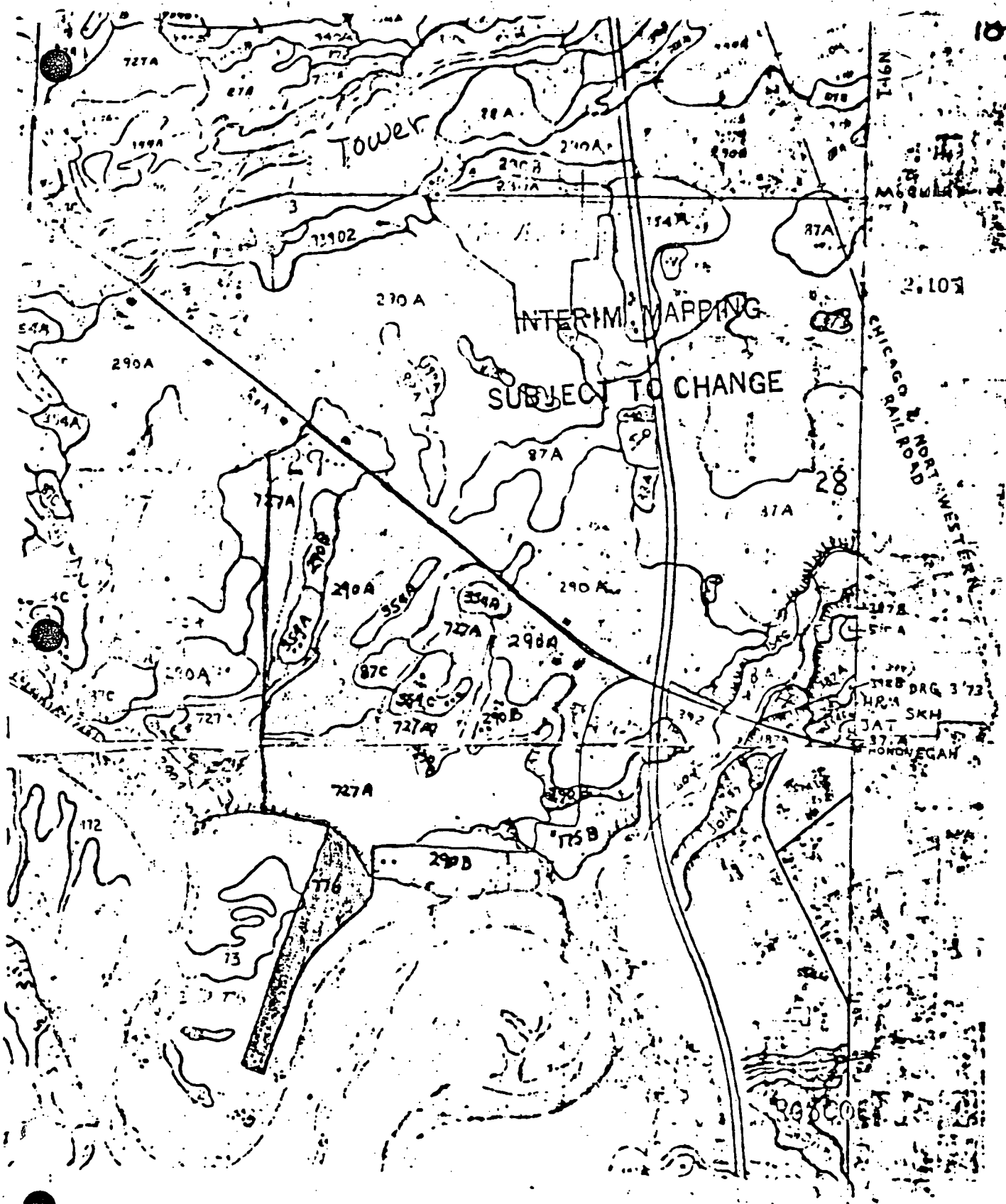
The 290, 354 and 727 soils do have a possible pollution hazard if a high concentration of septic tanks are permitted.

The 175 soil area is suitable for building and septic tanks.

*Eldora Zimmerman*

Eldora Zimmerman  
Chairman









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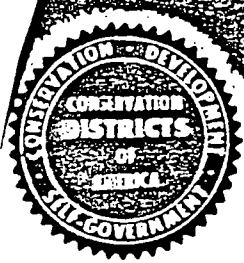
March 19, 1974

David Fluegel-#539  
S30 Rockton Twp.  
S29 & 32 Roscoe Twp.  
PC 30-751; 29C-110; 29C-109  
32B-205; 32B-202; & 32B-213  
AS 17 & 27

Degree of  
Urbanizing  
Area  
Limitations

Degree of  
Septic Tank  
Filter Field  
Limitations

73	Ross loam, 0-3% slopes	Severe (R24)	Severe-Subject to flooding. More often than once in 5 years.
87A	Dickinson sandy loam, 0-3% slopes	Slight	Slight
87C	Dickinson sandy loam, 3-7% slopes, eroded	Moderate (Y11)	Slight
107	Sawmill silty clay loam, 0-2% slopes	Severe (R25)	Severe -Subject to flooding. More often than once in 5 years- Less than 60 inches to water table.
175C2	Lamont sandy loam, 5-9% slopes	Moderate (Y11)	Slight
290A	Warsaw loam, 0-2% slopes	Slight	Slight - <u>1</u>
290B	Warsaw loam, 2-4% slopes	Slight	Slight - <u>1</u>
354C	( ) sandy loam, 3-9% slopes	Moderate (Y13)	Slight - <u>1</u>
387B	Ockley silt loam, 2-5% slopes	Slight	Slight
398B	Hea silt loam, 2-4% slopes	Slight	Slight- <u>±</u>
440A	Jasper silt loam, 0-2% slopes	Slight	Slight
727A	Waukee loam, 0-3% slopes	Slight	Slight - <u>1</u>
727B	Waukee loam, 0-3% slopes	Slight	Slight - <u>1</u>



## Winnebago County Soil and Water Conservation District

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-2-

		Urbanizing Area Limitations	Septic Tank Limitations
David Fluegel - #539			
776	Damy alluvial -land, 0-2% slopes	Severe (R25)	Severe-Subject to flooding. More often than once in 5 years, Less than 60 inches to water table.
7808	Grellton sandy loam, 2-5% slopes	Slight	Slight
939D2	Dresden-Rodman complex, 7-12% slopes, Moderate (Y13) eroded.		Moderate - Slope and <u>1</u>

1 - Poor filtering material may allow effluent to travel long distances, placing the possibility of polluting nearby streams, springs, and shallow wells.

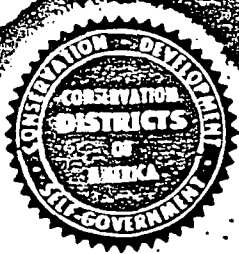
The severe limitation for building and septic tanks on the 73 soil area is due to the area being subject to flooding; periodic water saturation. Excavations fill with water in the spring; fair to poor stability; foundations, slabs, walks, and streets subject to cracking due to frost heave. This area is not suitable for building and septic systems.

The Severe limitations for building on the 107 and 776 soil areas is also due to flooding; frequent or continuous water saturation. Flooding or ponding damages buildings and roads; excavations fill with water; slow to dry out; fair to poor stability; foundations, slabs, walks and streets subject to cracking and heaving due to frost heave. Septic tanks will not work in these soil types. This area is not suitable for building and septic systems.

The moderate limitation for building on the 87C and 175C2 soil area is due to slope. Moderate grading for streets and lots; grading and excavations likely to expose gravelly material; erosion and siltation during construction and lawn establishment; lawns difficult to maintain. Engineering should be able to overcome the problems. Septic systems are suitable in this area.

The moderate limitation of the 354C and 939D2 soil area is also due to slope. Moderate grading for streets and lots; grading and excavation leaves sandy or gravelly surface; erosion and siltation during construction and lawn establishment; low available moisture for plants; lawns and shrubs very difficult to maintain.

Note should be taken on the soils with the 1 added with the slight limitation. Possible pollution hazard if a high concentration of septic is allowed.



## Winnebago County Soil and Water Conservation District

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-3-

David Fluegel - #539

on soils such as 939D2 and 354C erosion can be a problem during construction and during the final landscaping. Consider using such practices as high fertility applications, mulching and netting material to hold mulch from blowing or washing away. Under separate cover you are being sent reference material on soil erosion. If additional assistance is needed, please feel free to call this office.

The soil areas 87A, 387B, 440A and 780B are suitable for septic systems and building.

*Eldora Zimmerman*

Eldora Zimmerman  
Chairman

INTERIM MAPPING

SUBJECT TO CHANGE

GRAVEL PIT

GRAVEL PIT

slight  
slight  
moderate  
severe

Ballot Hazard

